SHEET 1 OF 3

				T			ET <u>1</u> OF <u>3</u>		
INFORMATION DISCLOSURE				ATTORNEY'S DKT NO. 028723-061		APPLICATION No. 08/478,387			
CITATION OF E				APPLICANT	•				
	CITTI	1 1111	(2)	Joe Gray et a		GROUP // 34			
PTO-1449 July 1 4 1998			1998	June 7, 1995		1809 / 34			
	U.S. PATES DOCUMENTS								
EXAMINER'S INITIALS	PATENT NO.	DATE	ADEMIN N	AME _	CLASS	SUBCLASS	FILING DATE		
AM	4,675,286	06/23/87	Calenoff		435	フ			
Am	4,683,202	07/28/87	Mullis	Mullis		91			
AM	4,755,458	07/88	Rabbani et	Rabbani et al.		5			
AM	5,085,983	02/04/92	Scanlon		435	-6			
AM	5,427,932	06/27/95	Weier et al.	Weier et al.		91.2			
AM	5,447,841	09/05/95	Gray et al.		435	6			
AM	5,472,842	12/05/95	Stokke et a	1.	435	6			
AM	5,503,981	04/02/96	Mueller et a	al.	435	7,21			
		FOREI	GN PATENT	DOCUMENTS			Aur. David		
EXAMINER'S INITIALS	PATENT NO.	DATE		UNTRY	CLASS	SUBCLASS	Translation Yes No		
AM	0 430 402 A2	06/05/91	EPO, Bra	y et al.	-				
	OTHER DOCU	MENTS (Inclu	uding Author	, Title, Date, P	ertinent Pag	es, Etc.)			
AM	Bauman et al., "A New Method for Flourescence Microscopial Localization of Specific DNA Sequences by In Situ Hybridization of Fluorochrome-labelled RNA," Exp Cell Res, Vol. 128, 1980, pp. 485-490								
900	Boyle et al, "Differential Distribution of Long and Short Interspersed Element Sequences in the Mouse Genome: Chromosome Karyotyping By Fluorescence <i>In Situ</i> Hybridization," <u>PNAS</u> (USA), Vol. 87, Oct. 1990, pp. 7757-7761								
Am	Brock et al., "Quantitative in situ Hybridization Reveals Extent of Sequence Homology Between Related DNA Sequences in Drosophila melanogaster", Chromosoma (Berl.), Vol. 83, 1981, pp. 159-168.								
AM	Bufton et al, "A Highly Polymorphic Locus On Chromosome 16q Revealed By A Probe From A Chromosome-Specific Cosmid Library," <u>Human Genetics</u> , Vol. 74, 1986, pp. 425-431								
AM	Bufton et al, "Four Restriction Fragment Length Polymorphisms Revealed By Probes From A Single Cosmid Map To Human Chromosome 19," Am J Hum Genet, Vol. 38, 1986, pp. 447-460								
AM	Burk et al, "Organization and Chromosomal Specificity of Autosomal Homologs of Human Y Chromosome Repeated DNA," Chromosoma, Vol. 92, 1985, pp. 225-233								
1M	Buroker et al, "Four Restriction Fragment Length Polymorphisms Revealed By Probes From A Single Cosmid Map To Human Chromosome 12q," <u>Human Genetics</u> , Vol. 72, 1986, pp. 86-94								
AM	Burk et al, "Organization and Chromosomal Specificity of Autosomal Homologs of Human Y Chromosome Repeated DNA," Chromosoma, Vol. 92, 1985, pp. 225-233								

6	P	E	
JUM:	0 4	1990	10 E C

,	
M	Coté et al, "Quantitation of in situ Hybridization of Ribosomal Ribonucleic Acids to Human Diploid Cells," Chromosoma (1980, pp. 349-367)
AM	Cremer et al, "Preparative Dual-Beam Sorting of the Human Y Chromosome and In Situ Hybridization of Cloned DNA Probes," <u>Cytometry</u> , Vol. 5, 1984, pp. 572-579
MA	Davies, "The Application of DNA Recombinant Technology to the Analysis of the Human Genome and Genetic Disease," <u>Human Genetics</u> , Vol. 58, 1981, pp. 351-357
AW	Dennis et al, "Cytogenetics of the Parthenogenetic Grasshopper Warramaba virgo and Its Bisexual Relatives," Chromosoma, Vol. 82, 1981, pp. 453-469
MQ.	Dutrillaux et al, "Characterization of Chromosomal Anomalies in Human Breast Cancer," Cancer Genet. Cytogenet., Vol. 49, (1990), pp. 203-217
MA	Gerhard et al, "Localization Of a Unique Gene By Direct Hybridization in situ," PNAS, Vol. 78, 1981, pp. 3755-3759
AM	Haase et al, "Detection of Two Viral Genomes in Single Cells By Double-Label Hybridization in situ and Color Microradioautography," Science, Vol. 227, 1985, pp. 189-192
mA	Holden et al, "Amplified Sequences from Chromosome 15, Including Centromeres, Nucleolar Organizer Regions, and Centromeric Heterochromatin, in Homogeneously Staining Regions in the Human Melanoma Cell Line MeWo," <u>Cancer Genet. &amp; Cytogenet.</u> , Vol. 14, 1985, pp. 131-146
MA	Houldsworth et al, "Comparative Genomic Hybridization: An Overview," Am. J. Pathology, Vol. 145, No. 6, 1994, pp. 1253-1260
ma	Kallioniemi et al, "Comparative Genomic Hybridization for Molecular Cytogenetic Analysis of Solid Tumors," Science, Vol. 258, 1992, pp. 818-821
MA	Kallioniemi et al, "Optimizing Comparative Genomic Hybridization for Analysis of DNA Sequence Copy Number Changes in Solid Tumors," Genes, Chromosomes & Cancer, Vol. 10, 1994, pp. 231-243
M	Kallioniemi et al, "ERBB2 Amplification in Breast Cancer Analyzed by Fluorescence in situ Hybridization," PNAS USA, Vol. 89, 1992, pp. 5321-5325.
AM	Krumlauf et al, "Construction and Characterization of Genomic Libraries From Specific Human Chromosomes," PNAS, Vol. 79, 1982, pp. 2971-2975
AM	Kunkel et al, "Organization and Heterogeneity of Sequences Within A Repeating Unit Of Human Y Chromosome Deoxyribonucleic Acid," <u>Biochem.</u> , Vol. 18, 1979, pp. 3343-3353
Am	Landegent et al, "Fine Mapping Of The Huntington Disease Linked D4S10 Locus By Non-Radioactive In Situ Hybridization," <u>Human Genetics</u> , Vol. 73, 1986, pp. 354-357
MM	Lichter et al, "Fluorescence <i>In Situ</i> Hybridization with <i>Alu</i> and L1 Polymerase Chain Reaction Probes for Rapid Characterization of Human Chromosomes in Hybrid Cell Lines," <u>PNAS</u> ( <u>USA</u> ), Vol. 87, Sept. 1990, pp. 6634-6638
M	Litt et al, "A Highly Polymorphic Locus In Human DNA Revealed By Probes From Cosmid 1-5 Maps To Chromosome 2q35-37," Am J Hum Genet, Vol. 38, 1986, pp. 288-296
AM	Litt et al, "A Polymorphic Locus On The Long Arm Of Chromosome 20 Defined By Two Probes From A Single Cosmid," <u>Human Genetics</u> , Vol. 73, 1986, pp. 340-345
m	Lux et al, "Hereditary spherocytosis associated with deletion of human erythrocyte ankyrin gene on chromosome 8," Nature, Vol. 345, 1990, pp. 736-739.
am	Malcolm et al, "Chromosomal Localization Of A Single Copy Gene By in situ Hybridization - Human ß Globin Genes On The Short Arm Of Chromosome 11," Ann. Hum. Genet., Vol. 45, 1981, pp. 134-141
Am	Moyzis et al., "Human Chromosome-specific Repetitive DNA Sequences: Novel Markers for Genetic Analysis", Chromosoma (Berl.), Vol. 95, 1987, pp. 375-386.
DW	Nelson et al, "Genomic Mismatch Scanning: A New Approach To Genetic Linkage Mapping," Nature Genetics, Vol. 4, 1993, pp. 11-18
NW	



Am	Park et al, "Amplitation, Overespression, and Rearrangement of the <i>erb</i> B-2 Protooncogene in Primary Human Stockachood Cinomas," <u>Cancer Research</u> , Vol. 49, Dec. 1989, pp. 6605-6609			
NA	Pierce et al, " Analysis Of A Dispersed Repetitive DNA Sequence In Isogenic Lines of Drosophila," Chromosoma, Vol. 82, 1981, pp. 471-492			
DM	Rabin, "Mapping Minimally Reiterated Genes On Diploid Chromosomes By In Situ Hybridization," thesis, Dept. of Biochemistry, Univ. Ill., 1982			
AM	Rabin et al, "Two Homoeo Box Loci Mapped In Evolutionarily Related Mouse And Human Chromosomes," Nature, Vol. 314, 1985, pp. 175-178			
DM	Ried et al, "Direct carrier detection by in situ suppression hybridization with cosmid clones of the Duchenne/Becker muscular dystrophy locus," <u>Hum. Genet.</u> , Vol. 85, 1990, pp 581-586			
AM	Ried et al, "Simultaneous Visualization of Seven Different DNA Probes by <i>In Situ</i> Hybridization Using Combinatorial Fluorescence and Digital Imaging Microscopy," PNAS (USA), Vol. 89, Feb. 1992, pp. 1388-1392			
an	Ruddle, "A New Era In Mammalian Gene Mapping: Somatic Cell Genetics And Recombinant DNA Methodologies," Nature, Vol. 294, 1981, pp. 115-120			
am	Saint-Ruf et al, "Proto-Oncogene Amplification and Homogeneously Staining Regions in Human Breast Carcinomas," Genes, Chromosomes & Cancer, Vol. 2, (1990), pp. 18-26			
AM	Siracusa et al, "Use of Repetitive DNA Sequences To Distinguish <i>Mus musculus</i> and <i>Mus caroli</i> Cells By <i>in situ</i> Hybridization," <u>J Embryol, exp. Morph.</u> , Vol. 73, 1983, pp. 163-178			
m	Sondermeijer et al, "The Activity of Two Heat Shock Loci of <i>Drosophila hydei</i> In Tissue Culture Cells and Salivary Gland Cells as Analyzed by in situ Hybridization of Complementary DNA," <u>Chromosoma</u> , Vol. 72, 1979, pp. 281-291			
(m)	Steinemann, "Multiple Sex Chromosomes in <i>Drosophila miranda:</i> A System to Study the Degeneration of a Chromosome," <u>Chromosoma</u> , Vol. 86, 1982, pp. 59-76			
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Szabo et al, "Quantitative in Situ Hybridization of Ribosomal RNA Species to Polytene Chromosomes of Drosophila melanogaster," J. Mol. Biol., Vol. 115, 1977, pp. 539-563			
EXAMINER	Al-Marales DATE CONSIDERED 8/11/98			